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**Policy Statement 3: Maximize carbon neutral growth in Alaska through a rapid transition to ~~clean-renewable~~ energy, beneficial electrification and energy efficiency.**

**Goal 3.1:** The State of Alaska will reduce oil, gas and other industry greenhouse gas emissions in Alaska by ~~53~~0% (over 2005 levels) by 2025/2030.

**Commented [NA1]:** Add/need recommendations

**Commented [NA2]:** Response by SAP and OAP  
30% by 2025; 50% by 2030

**Objective 3.1A:** Reduce greenhouse gas emissions from North Slope oil and gas development ~~power production.~~

**Objective 3.2B:** Identify ways in which to reduce fugitive ~~with a focus on~~ methane.

**Objective 3.3C:** Promote renewable energy consideration in new oil, gas, mining and industrial projects.

~~**Objective 3.1B:** Improve electric generation efficiency in the Railbelt through a region-wide system operator and transmission and generation planning.~~

~~**Objective 3.1C:** Improve electric generation efficiency in rural Alaska through optimized diesel generation maintenance, improved renewable integration strategies and reduced line loss.~~

**Goal 3.2:** The State of Alaska will ~~increase~~ decrease greenhouse gas emissions- by increasing building efficiency (over 2005) in both residential and non-residential sectors by ~~50~~15% by 2030.

**Objective 3.2A:** Establish a statewide residential building and energy efficiency code for new residential construction.

**Objective 3.2B:** Establish programs to finance and support residential, commercial and public building energy efficiency retrofits.

**Objective 3.2C:** ~~Establish a goal to~~Implement a standard by 2025 of energy net-zero construction of new public buildings. ~~-construct energy net-zero public buildings.~~

**Objective 3.2D** Update design and engineering standards to incorporate expected climate change metrics, with life cycle and energy efficiency priorities.

**Goal 3.3:** The State of Alaska will increase the percentage of all electricity generated from renewable resources (over 2005 levels) to 50% by 2030 and improve the energy efficiency of electric generation through economic dispatch.

**Objective 3.3A:** Establish enforceable and regularly updated regional Integrated Resource Planning (IRP) for the Railbelt that requires a transition to renewable electricity consistent with other state goals or mandates.

**Objective 3.3B:** Align state programs that finance and support electricity generation in rural Alaska with an aim to accelerate the utilization and integration of renewable resources.

**Objective 3.31CB:** Improve electric generation efficiency in the Railbelt through a region-wide system operator and transmission and generation planning economic dispatch.

**Objective 3.31DC:** Improve electric generation efficiency in rural Alaska through optimized diesel generation maintenance, improved renewable integration strategies and reduced line loss.

**Goal 3.4:** Increase the efficiency of and reduce carbon emissions in the use of air, rail, road and marine transportation, and consider the impact to Alaska communities and the state economy of incentivizing the use of certain fuels. Alaska's transportation sector will decrease greenhouse gas emissions.

Commented [NA3]: Let's ask someone – DOT&PF.

**Objective 3.4A:** Prepare for and promote a rapid transition to the electrification of passenger vehicles, including providing for the requisite EV charging infrastructure on Alaska's primary road systems.

**Objective 3.4B:** Promote public transportation between and within Girdwood, Anchorage, Fairbanks, Juneau and the Matanuska-Susitna Valley, including the potential for commuter rail, and use of the existing and rail lines and stations.

**Objective 3.4C:** Support research and development of jet biofuels and electrification of sea vessels and other modes of transportation used in the state.

~~**Objective 3.4D:** Increase the efficiency of and reduce carbon emissions in the use of air, rail, road and marine transportation, and consider the impact to Alaska communities and the state economy of incentivizing the use of certain fuels.~~

**Goal 3.5:** The State of Alaska will develop an overall energy strategy and transition scenario.

**Objective 3.5A:** Conduct sectoral analyses based on climate change impacts and opportunities, with evaluation reviewing capacity, strengths, and gaps, and the appropriate timescale for implementation based on prioritization.

**Objective 3.5B:** Promote and develop natural gas as an international bridge fuel for export and for domestic use.

**Objective 3.5C:** Update and expand the scope of the Alaska Affordable Energy Strategy to include all areas of the state, support the climate action strategy, and incorporate a strong stakeholder engagement process, the result of which is time sensitive to economic and societal impact, and with mitigation options in place.

**Objective 3.5D:** Continue and increase Annually monitoring for and reporting on emissions of greenhouse gases and the success of efforts to reduce emissions across the Alaska economy, government and communities.

**Objective 3.5E:** Through state policy, promote market-based solutions, technological innovation, a transition to renewable energy and natural gas, sequestration opportunities and implementation of carbon capture.